

## North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch

Forecast valid from 00:00 on Friday 20 Oct 2023 until 23:59 on Saturday 21 Oct 2023

Forecast Issued on Thursday 19 Oct 2023 at 15:53 by Met Office Aberdeen

**Confidence:** Medium for timing of drier, brighter weather for Friday afternoon. High for unsettled weather over the weekend and early next week, but low for daily detail and extent of rain.

**Headline for Friday 20 Oct 2023:** Very windy with rain and snow in the morning, brighter with snow showers by afternoon

### Mountain weather hazards on Friday 20 Oct 2023

**Blizzards**

No Likelihood

**Heavy persistent snow**

No Likelihood

**Storm force winds**

Medium Likelihood

**Gales**

High Likelihood

**Severe chill effect**

Medium Likelihood

**Poor visibility**

Medium Likelihood

**Thunderstorms**

No Likelihood

**Heavy persistent rain**

Low Likelihood

**Strong sunlight**

No Likelihood

### Weather and chance of precipitation at 800m

| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 00:00                                                                               | 03:00                                                                               | 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                                 | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |  |  |
| Heavy Rain                                                                          | Heavy Rain                                                                          | Sleet                                                                               | Sleet                                                                               | Light snow showers                                                                  | Light snow showers                                                                    | Light snow                                                                            | Light snow                                                                            |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| 60%                                                                                 | 60%                                                                                 | 50%                                                                                 | 40%                                                                                 | 30%                                                                                 | 30%                                                                                   | 30%                                                                                   | 30%                                                                                   |

### Forecast for Friday 20 Oct 2023

**Weather:** Cloudy in the morning with outbreaks of rain gradually dying out from the north, although rain turning to snow above 800 metres as it does so. The afternoon will see some sunshine breaking through as cloud breaks from the north, along with a few sleet or snow showers but a fair amount of drier weather expected.

**Chance of cloud-free hill tops above 800m:** Little chance in the morning, 70% in the afternoon

**Low cloud and visibility:** Widely poor in extensive cloud down to 500 to 800 metres in the morning. Much improved visibility in the afternoon as cloud lifts and breaks to patches above 850 metres.

## Forecast for Friday 20 Oct 2023

| Height (m) | Wind Speed mean/gusts (mph) |          |          |         |         | Wind Direction (blowing from) |         |         |         |
|------------|-----------------------------|----------|----------|---------|---------|-------------------------------|---------|---------|---------|
|            | 00:00                       | 03:00    | 06:00    | 09:00   | 12:00   | 15:00                         | 18:00   | 21:00   | 00:00   |
| 1300       | 65/86 SE                    | 61/82 SE | 62/82 SE | 61/80 E | 56/75 E | 53/71 E                       | 49/66 E | 43/59 E | 42/57 E |
| 900        | 63/78 SE                    | 59/74 SE | 59/74 SE | 58/73 E | 53/67 E | 47/60 E                       | 42/54 E | 38/49 E | 35/46 E |
| 600        | 43/57 E                     | 40/53 E  | 38/51 E  | 37/51 E | 35/48 E | 29/41 E                       | 25/37 E | 24/35 E | 22/32 E |
| 300        | 20/47 E                     | 16/39 E  | 14/34 E  | 16/37 E | 16/36 E | 15/34 E                       | 13/30 E | 13/31 E | 12/28 E |
| Glen       | 5/31 E                      | 5/27 E   | 5/25 E   | 5/25 E  | 7/27 E  | 6/25 E                        | 5/23 E  | 4/23 E  | 4/21 E  |

| Height (m)      | Temperature / Feels Like (°C) |        |        |        |        |        |        |        |        |
|-----------------|-------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|                 | 00:00                         | 03:00  | 06:00  | 09:00  | 12:00  | 15:00  | 18:00  | 21:00  | 00:00  |
| 1300            | 0/-10                         | -0/-11 | -1/-12 | -2/-13 | -3/-14 | -4/-15 | -4/-15 | -4/-14 | -3/-13 |
| 900             | 4/-5                          | 3/-6   | 2/-8   | 1/-8   | 0/-9   | -0/-10 | -1/-10 | -1/-9  | -0/-9  |
| 600             | 6/-1                          | 5/-2   | 4/-3   | 3/-4   | 3/-4   | 2/-4   | 2/-5   | 2/-5   | 2/-5   |
| 300             | 8/3                           | 7/3    | 6/3    | 5/1    | 6/1    | 5/1    | 4/-0   | 4/-1   | 4/-0   |
| Glen            | 8/6                           | 7/5    | 6/4    | 5/3    | 7/4    | 7/4    | 4/2    | 4/2    | 4/0    |
| Freezing Level* | 1600m                         | 1300m  | 1200m  | 1000m  | 900m   | 800m   | 700m   | 800m   | 800m   |

\*Level above which ground is expected to be frozen/snow is expected to settle.

## Met Office Aberdeen Meteorologist's View

Widespread upland severe gales with storm force winds on the summits will lead a risk of being blown over. Combined with a lowering freezing level this will result in severe wind chill. Drenching conditions in any rain at first. Surfaces at height will become icy as it turns colder, and there will also be a risk of flooding on approach roads across Aberdeenshire.

## Forecast for Saturday 21 Oct 2023

**Weather:** Remaining unsettled and cloudy with further periods of rain, this most persistent and heaviest east of the A9. Some drier spells of weather likely down towards Rannoch Moor and around Ben Alder. Snow will fall above 800 metres until early afternoon. Remaining windy with strong to gale easterly winds at height, this leading to significant wind chill.

**Maximum wind:** Easterly 40 to 50 mph, but gusts nearer to 50 to 60 mph across Cairngorm

**Chance of cloud-free hill tops above 800m:** 20%, best chance in the west of the area

**Low cloud and visibility:** Widely poor visibility in extensive cloud down to 400 to 800 metres, lowest bases east of the A9. Some occasional breaks in the cloud sheet possible across the southwest of the area at first

**Temperature:** **Glens:** Plus 4 rising to 7 Celsius  
**At 800m:** Plus 1 rising to 4 Celsius  
**Freezing level:** 1000 metres rising above summits later in the day